Error: "lost battery backup clock"

Published 03/24/2001

Symptom(s):

Error: "lost battery backup clock"
CMOS battery failing
Can power the system down and back up but will crash after that.
Bad Octane or Octane2 battery
System clock loses time
System clock is wrong
ESP Event Type Id: 53
ESP Event Type Id: 54
ESP Event Type Id: 64
ESP Event Type Id: 67
ESP Class Description: System Board
ESP Type Description: TOD battery

Fact(s):

MIPS Systems
TOD battery

SGI Solution:

First test that clock is functioning by setting the date with the date command.

An example of the date command follows:
To set the clock to October 1, 1999, 10:45 AM, enter

```
# date 100110451999
```

If problem persists:
- For Octane, Indigo2, and O2: replace system board - contains NVRAM and TOD clock (clock not sold separately) - additional note, ensure you pull the power cord before removing the system board of the O2.
- For Onyx and Challenge L, XL, and DL: replace the IO4

Note: This solution was automatically retrieved by Embedded Support Partner (ESP). For questions regarding this solution or for any additional troubleshooting assistance please contact your support provider.

Answers others found helpful

- Brick Serial Number mismatch

Additional Details

Creation Date	02/23/2001 06:14 AM
Last modification	10/01/2015 02:20 AM
Published Date	03/24/2001
Products	• Servers and Clusters • SGI Origin/Onyx • Origin/Onyx Server • Workstations • SGI Tezro • O2 • Octane
Categories	• Knowledgebase • Technical Solution